

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A method for relocating a network subnet to a remote location, comprising:
 - allocating a block of routable network addresses for use in a relocated network subnet at the remote location;
 - establishing a ~~link~~ tunnel from the network subnet to the relocated network subnet; and
 - configuring one or more services at the relocated network subnet, wherein the tunnel is configured to traverse a NAT from encumbering communication between the network subnet and the relocated network subnet.

Please cancel claim 2.

3. (Original) The method of claim 1 wherein the routable network addresses comprise static IP addresses.
4. (Original) The method of claim 1 wherein the routable network addresses are contiguous.
5. (Original) The method of claim 1 where the allocating a block of routable network addresses is performed by a lease broker.

Please cancel claims 6 and 7.

8. (Original) The method of claim 1 wherein the one or more services comprises a routing configuration at the relocated network subnet for enabling communications over the tunnel.

9. (Original) The method of claim 1 wherein the one or more services comprises a DNS server.

10. (Original) The method of claim 1 wherein the one or more services comprises a DHCP server.

11. (Original) The method of claim 1 wherein the one or more services comprises a mail server.

12. (Original) The method of claim 1 wherein the tunnel is configured to automatically reconnect in response to a change in an address associated with one of the components of the tunnel.

13. (Currently amended) A system for subnet relocation, comprising:
an anchor router coupled to a routable network;
a tether router located remotely from the anchor router;
a remote subnet coupled to the tether router, the subnet comprising a plurality of nodes, the nodes corresponding to a block of relocated routable network addresses; and
a link tunnel between the anchor router and the tether router, wherein the tunnel is configured to traverse a NAT from encumbering communication between the routable network and the relocated network subnet.

Please cancel claim 14.

15. (Original) The system of claim 14 wherein the tunnel is configured to transmit packets comprising an encapsulation protocol.

Please cancel claims 16 and 17.

18. (Original) The system of claim 13, wherein the block of routable network addresses is allocated to a user by a lease broker.

19. (Currently amended) A computing apparatus for establishing a remote subnet, comprising:

a tether router; and

a processor configured to establish a tunnel from the tether router to an anchor router, wherein a block of routable addresses are allocated to a user, the block of addresses corresponding to the remote subnet, the tether router for relocating the remote subnet; wherein the tunnel is configured to traverse a NAT from encumbering communication between the anchor router and the relocated network subnet.

20. (Canceled)

Please cancel claims 21 and 22.

23. (Original) The apparatus of claim 19, wherein the processor is configured to establish the tunnel such that the tunnel automatically reconnects in response to an event that causes a temporary disconnection of the tunnel.

24. (Original) The apparatus of claim 23 wherein a heartbeat signal is periodically emitted across the tunnel.

25. (New) A method for connecting to a network subnet from a local network terminal, the network subnet in a remote location, comprising:

allocating a block of routable network addresses for use in the network subnet at the remote location;

establishing a tunnel from an anchor router to a remote tether router coupled to the network subnet, wherein the anchor router is local to and coupled to the local network terminal; and

configuring one or more services at the network subnet, wherein the tunnel is configured to traverse a mechanism from encumbering communication between the local network terminal and the network subnet.

26. (New) The method of claim 25, wherein the mechanism comprises one of a NAT and a firewall.